

## EAST Search History

| Ref # | Hits  | Search Query                                                                                                                                                                                                                                                                                                                        | DBs                                                   | Default Operator | Plurals | Time Stamp       |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------|------------------|
| L1    | 21    | US-5407442-\$.DID. OR US-5409771-\$.DID. OR US-5422405-\$.DID. OR US-5599335-\$.DID. OR US-5672419-\$.DID. OR US-5716707-\$.DID. OR US-6027536-\$.DID. OR US-6072024-\$.DID. OR US-6072101-\$.DID. OR US-6423046-\$.DID. OR US-6441266-\$.DID.                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2006/02/24 12:13 |
| L2    | 7     | l1 and \$4absorb\$5 and thermoplastic                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2006/02/24 12:14 |
| L3    | 7     | l1 and \$4absorb\$5 and thermoplastic                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2006/02/24 12:14 |
| S1    | 2     | ("5669844").PN.                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/09/03 11:20 |
| S2    | 2     | ("5409771").PN.                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/09/03 11:20 |
| S3    | 2606  | superabsorbent near polymer                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/09/01 11:22 |
| S4    | 915   | (superabsorbent near polymer) and (acrylic or methacrylic) near acid and (crosslink\$3 or cross near link\$4)                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:35 |
| S5    | 168   | ((superabsorbent near polymer) and (acrylic or methacrylic) near acid and (crosslink\$3 or cross near link\$4)) and surface near (crosslink\$4 or cross near link\$4)                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:19 |
| S6    | 76    | ((((superabsorbent near polymer) and (acrylic or methacrylic) near acid and (crosslink\$3 or cross near link\$4)) and surface near (crosslink\$4 or cross near link\$4)) and (talc or (silica or silicon near dioxide) or titanium near dioxide or zinc near oxide or clay or silicate or aluminum near oxide or zeolite or kaolin) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:22 |
| S7    | 11    | superabsorbent near polymer and (gel near bed near permeability or gbd)                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:52 |
| S8    | 25753 | (crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide)                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:35 |
| S9    | 915   | (superabsorbent near polymer) and ((superabsorbent near polymer) and (acrylic or methacrylic) near acid and (crosslink\$3 or cross near link\$4))                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:36 |
| S10   | 248   | (superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | ON      | 2004/03/23 13:37 |

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|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |    |    |                  |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| S11 | 71  | ((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 13:38 |
| S12 | 18  | (((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)) and (silica or alumina or silicon near dioxide or aluminum near oxide)                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 13:38 |
| S13 | 0   | (((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)) and (silica or alumina or silicon near dioxide or aluminum near oxide)) and (superabsorbent near polymer and (gel near bed near permeability or gbd))                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 13:45 |
| S14 | 0   | (superabsorbent near polymer and (gel near bed near permeability or gbd) and (acrylic or methacrylic) near acid) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 13:53 |
| S15 | 10  | superabsorbent near polymer and (gel near bed near permeability or gbd) and (acrylic or methacrylic) near acid                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:02 |
| S16 | 0   | US-US5002986-\$.DID. OR US-US5145906-\$.DID. OR US-US5562646-\$.DID. OR US-US5597873-\$.DID. OR US-US5599335-\$.DID. OR US-US5669894-\$.DID. OR US-US5843575-\$.DID. OR US-US5849405-\$.DID. OR US-US5858535-\$.DID. OR US-US5973042-\$.DID. OR US-US5994440-\$.DID. OR US-US6011196-\$.DID. OR US-US609087-\$.DID. OR US-US6099950-\$.DID. OR US-US6130304-\$.DID.                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:03 |
| S17 | 0   | US5002986-\$.DID. OR US5145906-\$.DID. OR US5562646-\$.DID. OR US-US5597873-\$.DID. OR US-US5599335-\$.DID. OR US-US5669894-\$.DID. OR US-US5843575-\$.DID. OR US-US5849405-\$.DID. OR US-US5858535-\$.DID. OR US-US5973042-\$.DID. OR US-US5994440-\$.DID. OR US-US6011196-\$.DID. OR US-US609087-\$.DID. OR US-US6099950-\$.DID. OR US-US6130304-\$.DID.                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:04 |
| S18 | 321 | "5002986" OR "5145906" OR "5562646" OR "5597873" OR "5599335" OR "5669894" OR "5843575" OR "5849405" OR "5858535" OR "5973042" OR "5994440" OR "6011196" OR "609087" OR "6099950" OR "6130304"                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:07 |
| S19 | 110 | ("5002986" OR "5145906" OR "5562646" OR "5597873" OR "5599335" OR "5669894" OR "5843575" OR "5849405" OR "5858535" OR "5973042" OR "5994440" OR "6011196" OR "609087" OR "6099950" OR "6130304") and superabsorbent.clm.                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:07 |
| S20 | 316 | "5002986" OR "5145906" OR "5562646" OR "5597873" OR "5599335" OR "5669894" OR "5843575" OR "5849405" OR "5858535" OR "5973042" OR "5994440" OR "6011196" OR "609087" OR "6099950" OR "6130304" and (((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:08 |

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|     |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |    |    |                  |
|-----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| S21 | 316     | "5002986" OR "5145906" OR "5562646" OR "5597873" OR "5599335" OR "5669894" OR "5843575" OR "5849405" OR "5858535" OR "5973042" OR "5994440" OR "6011196" OR "609087" OR "6099950" OR "6130304" and (((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)) and (silica or alumina or silicon near dioxide or aluminum near oxide))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:08 |
| S22 | 1       | ("5002986" OR "5145906" OR "5562646" OR "5597873" OR "5599335" OR "5669894" OR "5843575" OR "5849405" OR "5858535" OR "5973042" OR "5994440" OR "6011196" OR "609087" OR "6099950" OR "6130304") and (((superabsorbent near polymer) and ((crosslink\$3 or cross near link\$3) and (diacrylate or triacrylate or triallylamine or diallyl or methylenebisacrylamide or ethylenebisacrylamide))) and (ethylene near carbonate or alkylene near carbonate)) and (silica or alumina or silicon near dioxide or aluminum near oxide)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:09 |
| S23 | 350     | scott near smith.in. or mark near joy.in. or (whei-neen) near hsu.in.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:10 |
| S24 | 13      | (scott near smith.in. or mark near joy.in. or (whei-neen) near hsu.in.) and superabsorbent                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 11:54 |
| S25 | 1071128 | "6,297,319" or "6,297,335" or "6,323,252" or "6,372,852" "82" or "6,376,011" or "6,376,618" or "6,387,495" or "6,391,451" or "6,392,116" or "6,414,214" or "6,444,744" or "6,469,080" or "6,605,673" or "20010025093" or "20020040095" or "20020061978" or "20020072741"                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:32 |
| S26 | 46      | "6,297,319" or "6,297,335" or "6,323,252" or "6,372,852" or "6,376,011" or "6,376,618" or "6,387,495" or "6,391,451" or "6,392,116" or "6,414,214" or "6,444,744" or "6,469,080" or "6,605,673" or "20010025093" or "20020040095" or "20020061978" or "20020072741"                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/03/23 14:33 |
| S27 | 2       | "2002128618"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 11:22 |
| S28 | 2       | "20020128618"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 11:22 |
| S29 | 21      | (superabsorb\$4 or hydrogel) and surface near crosslink\$3 and shear near modulus                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 12:23 |
| S30 | 312     | (superabsorb\$4 near polymer or hydrogel) and surface near crosslink\$3 and (inorganic or silica or aluminum near oxide or calcium near carbonate)                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 12:12 |
| S31 | 131     | (superabsorb\$4 near polymer or hydrogel).clm. and surface near crosslink\$3 and (inorganic or silica or aluminum near oxide or calcium near carbonate)                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/01 12:10 |
| S32 | 17      | (superabsorb\$4 near polymer or hydrogel) and surface near crosslink\$3 and (inorganic or silica or aluminum near oxide or calcium near carbonate) and shear near modulus                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/09/02 14:43 |

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|     |     |                                                                                               |                                             |    |     |                  |
|-----|-----|-----------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S33 | 298 | "4654039"                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/01 12:22 |
| S34 | 78  | (superabsorb\$4 or hydrogel) and surface near crosslink\$3 and "4654039"                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/01 12:34 |
| S35 | 507 | (superabsorb\$4 or hydrogel) and surface near crosslink\$3                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 14:17 |
| S36 | 25  | (superabsorb\$4 or hydrogel) and surface near crosslink\$3 and gel near strength and dynes\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 14:18 |
| S37 | 90  | (superabsorb\$4 near polymer or hydrogel) and centrifuge near retention near capacity         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 14:51 |
| S38 | 121 | (superabsorb\$4 near polymer or hydrogel) and shear near modulus                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/03 11:19 |
| S39 | 1   | "20040157981"                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 15:14 |
| S40 | 1   | "20040157989"                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 15:14 |
| S41 | 44  | (superabsorb\$4 near polymer or hydrogel) and shear near modulus same gel near strength       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 15:33 |
| S42 | 3   | "5409771" and abstract                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 15:38 |
| S43 | 57  | "5409771" and hydrophilic                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/09/02 15:38 |
| S44 | 0   | "20021028618"                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/09/02 15:47 |
| S45 | 2   | "20020128618"                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/09/02 15:47 |
| S46 | 13  | "5032628"                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 11:24 |
| S47 | 13  | "5032628"                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:13 |

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|     |     |                                                                                                                                                        |                                             |    |    |                  |
|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| S48 | 0   | "5032628" and superabsorbent near polymer and internal near (crosslink\$3 or cross near link\$3) and surface near (crosslink\$3 or cross near link\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:31 |
| S49 | 1   | "5032628" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3)                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:34 |
| S50 | 0   | "5032628" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) and surface                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:38 |
| S51 | 0   | "5032628" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) near surface                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:45 |
| S52 | 0   | "5032628" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) near2 surface                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:46 |
| S53 | 0   | "5032628" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) and (surface-crosslinking\$3 or surface-cross near link\$3)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:46 |
| S54 | 0   | "6127454" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) and (surface-crosslinking\$3 or surface-cross near link\$3)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:47 |
| S55 | 0   | "6127454" and superabsorbent near polymer and (crosslink\$3 or cross near link\$3) and (surface-crosslink\$3 or surface-cross near link\$3)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:47 |
| S56 | 0   | "6127454" and superabsorbent near polymer and (surface-crosslink\$3 or surface-cross near link\$3)                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:55 |
| S57 | 2   | "6127454" and fine near particle                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 11:55 |
| S58 | 4   | "6124391"                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 12:19 |
| S59 | 80  | "50096"                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 12:19 |
| S60 | 2   | "200050096"                                                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 12:24 |
| S61 | 11  | "1153656"                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 12:29 |
| S62 | 121 | "4587308"                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/27 12:30 |

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|     |     |                                                                                                      |                                             |    |     |                  |
|-----|-----|------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S63 | 67  | "4587308" and (cross near link\$3 or crosslonk\$3) and (inorganic or filler or silica or silicate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:50 |
| S64 | 99  | "4587308" and (cross near link\$3 or crosslink\$3) and (inorganic or filler or silica or silicate)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:37 |
| S65 | 88  | S64 and (water near absorbent or superabsorbent)                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:32 |
| S66 | 32  | S64 and (water near absorbent or superabsorbent).clm.                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:49 |
| S67 | 72  | "4587308" and (cross near link\$3 or crosslink\$3) and (inorganic near filler or silica or silicate) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:37 |
| S68 | 13  | S67 and (water near absorbent or superabsorbent).clm.                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:37 |
| S69 | 3   | "2002161132"                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:51 |
| S70 | 0   | "2002161132A1"                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:51 |
| S71 | 2   | ("2002161132").PN.                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 12:57 |
| S72 | 0   | ("ishizakinearkunihiko.in.").PN.                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 12:52 |
| S73 | 141 | ishizaki near kunihiko.in.                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 12:52 |
| S74 | 2   | ("20020161132").PN.                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 12:57 |
| S75 | 2   | "20020161132"                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 12:58 |
| S76 | 2   | "20020161132"                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:58 |
| S77 | 3   | "200113841"                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 12:59 |

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|     |     |                                  |                                             |    |     |                  |
|-----|-----|----------------------------------|---------------------------------------------|----|-----|------------------|
| S78 | 134 | "13841"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 13:00 |
| S79 | 46  | "0113841"                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 13:00 |
| S80 | 3   | ("200113841").PN.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:02 |
| S81 | 4   | ("9511932").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:03 |
| S82 | 2   | ("5409771").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:04 |
| S83 | 2   | ("5744564").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:07 |
| S84 | 2   | ("6388000").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:22 |
| S85 | 2   | ("5164459").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:25 |
| S86 | 1   | ("0827753").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:25 |
| S87 | 1   | ("0349240").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:26 |
| S88 | 1   | ("0761241").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:26 |
| S89 | 17  | "827753"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:28 |
| S90 | 11  | "349340"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:29 |
| S91 | 34  | "349240"                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:36 |
| S92 | 0   | superabsorbent near "polymer.ab" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:36 |

## EAST Search History

|          |      |                                                                                                                                                                                                                           |                                             |    |     |                  |
|----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S93      | 0    | superabsorbent near "polymer.ab."                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:36 |
| S94      | 1870 | (superabsorbent near polymer)".ab"                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:37 |
| S95      | 597  | (superabsorbent near polymer).ab.                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:38 |
| S96      | 442  | (superabsorbent near polymer).clm.                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:38 |
| S97      | 143  | (S95 or S96) and (crosslink\$3 or cross near link or cross-link\$3) same surface and (inorganic near powder or particle or silicate or silicon near dioxide or titanium near dioxide or clay or aluminum near \$4oxide)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:43 |
| S98      | 143  | (S95 or S96) and (crosslink\$3 or cross near link or cross-link\$3) same surface and (inorganic near powder or particle or silicate or silicon near dioxide or titanium near dioxide or clay or aluminum near \$4oxide)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/01/27 13:44 |
| S99      | 168  | (S95 or S96) and (crosslink\$3 or cross near link or cross-link\$3) same surface and (inorganic near powder or particle or silicate or silicon near dioxide or titanium near dioxide or clay or aluminum near \$4oxide)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 14:05 |
| S10<br>0 | 81   | S99 and internal                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 13:45 |
| S10<br>1 | 26   | S99 and internal near (crosslink\$3 or cross-link\$3 or cross near link\$3)                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 14:05 |
| S10<br>2 | 26   | S99 and internal near (crosslink\$3 or cross-link\$3 or cross near link\$3)                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 14:05 |
| S10<br>3 | 48   | (S95 or S96) and (crosslink\$3 or cross near link or cross-link\$3) same surface and (inorganic near (powder or particle) or silicate or silicon near dioxide or titanium near dioxide or clay or aluminum near \$4oxide) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 14:18 |
| S10<br>4 | 8    | S103 and internal near (crosslink\$3 or cross-link\$3 or cross near link\$3)                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/27 14:06 |
| S10<br>5 | 954  | (superabsorb\$4 or super adj absor\$4) near2 (polymer\$2 or copolymer\$2 or resin\$3) same (acrylic or methacrylic or meth adj acrylic)                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/25 10:03 |
| S10<br>6 | 52   | S105 and (crosslink\$3 or cross adj link\$3) same (internal and surface)                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/25 09:30 |
| S10<br>7 | 41   | S106 and (filler or inorganic or mineral)                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/25 09:30 |



## EAST Search History

|          |      |                                                                                                  |                                             |    |    |                  |
|----------|------|--------------------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| S10<br>8 | 5    | S105 and gel adj bed adj permeability and (crc or centrifuge adj retention adj capacity)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/25 10:03 |
| S10<br>9 | 5    | S105 and gel adj bed adj permeability and (crc or centrifuge adj retention adj capacity)         | US-PGPUB;<br>USPAT                          | OR | ON | 2005/07/25 10:04 |
| S11<br>0 | 3306 | (superabsorbent near polymer or super adj absorbent adj polymer)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 16:58 |
| S11<br>1 | 4459 | (superabsorbent near polymer or super adj absorbent adj polymer)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 16:59 |
| S11<br>2 | 4628 | superabsorbent near (\$2polymer\$2 or resin) or super adj absorbent adj (\$2polymer\$2 or resin) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:18 |
| S11<br>3 | 5    | S112 and penetration adj modifier                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:01 |
| S11<br>4 | 1217 | multivalent adj metal adj salt or aluminum adj (salt or sulfate) and S112                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:02 |
| S11<br>5 | 229  | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) and S112                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:05 |
| S11<br>6 | 44   | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) same surface and S112         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:08 |
| S11<br>7 | 0    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) and "199511932"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:07 |
| S11<br>8 | 0    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) and "1995011932"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:08 |
| S11<br>9 | 0    | "1995011932"                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:08 |
| S12<br>0 | 0    | "199511932"                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:08 |
| S12<br>1 | 6    | "9511932"                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:08 |
| S12<br>2 | 0    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) same surface and S121         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/02 17:11 |

## EAST Search History

|          |      |                                                                                                                                 |                                             |    |     |                  |
|----------|------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S12<br>3 | 1    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) and S121                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:10 |
| S12<br>4 | 6    | "9511932" and S121                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:10 |
| S12<br>5 | 44   | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) same surface and S115                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:14 |
| S12<br>6 | 0    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) same surface and S121                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:11 |
| S12<br>7 | 1    | (multivalent adj metal adj salt or aluminum adj (salt or sulfate)) and S121                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:11 |
| S12<br>8 | 5    | "0827753"                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:12 |
| S12<br>9 | 18   | "827753"                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:12 |
| S13<br>0 | 5    | (superabsorbent near (\$2polymer\$2 or resin) or super adj absorbent adj (\$2polymer\$2 or resin)) and penetration adj modifier | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:19 |
| S13<br>1 | 4510 | superabsorbent near (\$2polymer\$2 or resin) or super adj absorbent adj (\$2polymer\$2 or resin)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/02 17:25 |
| S13<br>2 | 4628 | superabsorbent near (\$2polymer\$2 or resin) or super adj absorbent adj (\$2polymer\$2 or resin)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:25 |
| S13<br>3 | 2219 | S132 and (\$5ethylene adj glycol or \$5ethyleneglycol or surfactant)                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:27 |
| S13<br>4 | 1064 | S132 and (\$5ethylene adj glycol or \$5ethyleneglycol)                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:28 |
| S13<br>5 | 766  | S132 and (polyethylene adj glycol or poly adj ethylene adj glycol)                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:31 |
| S13<br>6 | 23   | S132 and (\$5ethylene adj glycol or \$5ethyleneglycol) same penetrat\$4                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:31 |
| S13<br>7 | 1064 | S132 and (\$5ethylene adj glycol or \$5ethyleneglycol)                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:31 |

## EAST Search History

|          |         |                                                                                                                                                                                                                                                                                                                        |                                             |    |     |                  |
|----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S13<br>8 | 21      | S132 and (polyethylene adj glycol or poly adj ethylene adj glycol) same penetrat\$4                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:34 |
| S13<br>9 | 5       | S132.clm. and (polyethylene adj glycol or poly adj ethylene adj glycol) same penetrat\$4                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:35 |
| S14<br>0 | 1       | S132.ab. and (polyethylene adj glycol or poly adj ethylene adj glycol) same penetrat\$4                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:35 |
| S14<br>1 | 112     | S132.ab. and (polyethylene adj glycol or poly adj ethylene adj glycol)                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:35 |
| S14<br>2 | 163     | S132.clm. and (polyethylene adj glycol or poly adj ethylene adj glycol)                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:35 |
| S14<br>3 | 57      | S132.ti. and (polyethylene adj glycol or poly adj ethylene adj glycol)                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/02 17:35 |
| S14<br>4 | 9       | "5567744"                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:35 |
| S14<br>5 | 4       | "2003065296"                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:37 |
| S14<br>6 | 4       | ("2003065296").PN.                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:37 |
| S14<br>7 | 0       | ("kaisernearthomas.in.").PN.                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:37 |
| S14<br>8 | 101     | kaiser near thomas.in.                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:39 |
| S14<br>9 | 3       | "5840321"                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:55 |
| S15<br>0 | 14      | "20020039869" "20020090453" "20030012928" "200300407292"<br>"20030088220" "200300093051" "200300109628"<br>"200300134552" "200300175418" "200300207639"<br>"20030065296" "200400058159" "20040078015"<br>"200400121681" "200400222553" "200400236295"<br>"20040054343" "200400180998" "200500013992"<br>"200500043696" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:56 |
| S15<br>1 | 3154550 | "l17" and (superabsorbent or super adj absorbent) and thermoplastic (resin or \$2polymer)                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 12:29 |

## EAST Search History

|          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |    |     |                  |
|----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S15<br>2 | 3358085 | "I17" and (superabsorbent or super adj absorbent) and thermoplastic (resin or \$2polymer\$2)                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 09:57 |
| S15<br>3 | 3404884 | "I17" and (superabsorbent or super adj absorbent) and thermoplastic (resin or \$2polymer\$2)                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:58 |
| S15<br>4 | 0       | "I17" and (superabsorbent or super adj absorbent) and thermoplastic near (resin or \$2polymer\$2)                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:58 |
| S15<br>5 | 1519    | (superabsorbent or super adj absorbent) and thermoplastic near (resin or \$2polymer\$2)                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:58 |
| S15<br>6 | 42      | S155 and (crosslink\$3 or coss adj link\$3) same (internal and surface)                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 09:59 |
| S15<br>7 | 31      | US-4392908-\$.DID. OR US-5368918-\$.DID. OR US-5420218-\$.DID. OR US-5599763-\$.DID. OR US-5731365-\$.DID. OR US-5840321-\$.DID. OR US-5851672-\$.DID. OR US-5859074-\$.DID. OR US-6245693-\$.DID. OR US-6375644-\$.DID. OR US-0637601-\$.DID. OR US-6495612-\$.DID. OR US-6498201-\$.DID. OR US-6534561-\$.DID. OR US-6534572-\$.DID. OR US-6716514-\$.DID. OR US-6730057-\$.DID. OR US-6867345-\$.DID. and (superabsorbent or super adj absorbent) and thermoplastic near (resin or \$2polymer)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 10:53 |
| S15<br>8 | 31      | US-4392908-\$.DID. OR US-5368918-\$.DID. OR US-5420218-\$.DID. OR US-5599763-\$.DID. OR US-5731365-\$.DID. OR US-5840321-\$.DID. OR US-5851672-\$.DID. OR US-5859074-\$.DID. OR US-6245693-\$.DID. OR US-6375644-\$.DID. OR US-0637601-\$.DID. OR US-6495612-\$.DID. OR US-6498201-\$.DID. OR US-6534561-\$.DID. OR US-6534572-\$.DID. OR US-6716514-\$.DID. OR US-6730057-\$.DID. OR US-6867345-\$.DID. and (superabsorbent or super adj absorbent) and thermoplastic near (resin or \$2polymer)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 10:54 |
| S15<br>9 | 2       | (US-4392908-\$.DID. OR US-5368918-\$.DID. OR US-5420218-\$.DID. OR US-5599763-\$.DID. OR US-5731365-\$.DID. OR US-5840321-\$.DID. OR US-5851672-\$.DID. OR US-5859074-\$.DID. OR US-6245693-\$.DID. OR US-6375644-\$.DID. OR US-0637601-\$.DID. OR US-6495612-\$.DID. OR US-6498201-\$.DID. OR US-6534561-\$.DID. OR US-6534572-\$.DID. OR US-6716514-\$.DID. OR US-6730057-\$.DID. OR US-6867345-\$.DID.) and (superabsorbent or super adj absorbent) and thermoplastic near (resin or \$2polymer) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 12:26 |
| S16<br>0 | 33      | (US-4392908-\$.DID. OR US-5368918-\$.DID. OR US-5420218-\$.DID. OR US-5599763-\$.DID. OR US-5731365-\$.DID. OR US-5840321-\$.DID. OR US-5851672-\$.DID. OR US-5859074-\$.DID. OR US-6245693-\$.DID. OR US-6375644-\$.DID. OR US-0637601-\$.DID. OR US-6495612-\$.DID. OR US-6498201-\$.DID. OR US-6534561-\$.DID. OR US-6534572-\$.DID. OR US-6716514-\$.DID. OR US-6730057-\$.DID. OR US-6867345-\$.DID.)                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 10:57 |
| S16<br>1 | 4       | US-5994440-\$.DID. OR US-6090875-\$.DID.                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 12:26 |
| S16<br>2 | 3154550 | shear adj modulus and gel adj bed adj permeability and (superabsorbent or super adj absorbent) and thermoplastic (resin or \$2polymer)                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 12:31 |

## EAST Search History

|          |    |                                                                                                                                                   |                                             |    |     |                  |
|----------|----|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----|-----|------------------|
| S16<br>3 | 2  | shear adj modulus and gel adj bed adj permeability and<br>(superabsorbent or super adj absorbent) and thermoplastic near<br>(resin or \$2polymer) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/30 12:31 |
| S16<br>4 | 2  | shear adj modulus and gel adj bed adj permeability and<br>(superabsorbent or super adj absorbent) and thermoplastic near<br>(resin or \$2polymer) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 13:05 |
| S16<br>5 | 25 | "2222780"                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 13:08 |
| S16<br>6 | 7  | "10010269"                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/30 13:09 |
| S16<br>7 | 18 | "827753"                                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/06 15:06 |
| S16<br>8 | 0  | "EP827753"                                                                                                                                        | EPO; JPO;<br>DERWENT                        | OR | OFF | 2005/09/06 15:06 |
| S16<br>9 | 5  | "827753"                                                                                                                                          | EPO; JPO;<br>DERWENT                        | OR | OFF | 2005/09/06 15:07 |
| S17<br>0 | 5  | "9511932"                                                                                                                                         | EPO; JPO;<br>DERWENT                        | OR | OFF | 2005/09/06 15:08 |